CLAIMS

1. In a method for the production of a multi-layer identity card of plastic wherein the card comprises one or more card core layers bonded under the action of pressure and heat and printed on either side or on opposite sides with a covering layer applied to the printed side or sides of the card core, and in which a thermoplastic polymer adhesive is applied between and in direct contact with each covering layer and the respective printed side of the card core,

the improvement according to which the thermoplastic adhesive coating possesses at least one additive that increases the friction between the covering layer and the printed card core during lamination so as to prevent displacement of the printed card core in relation to the covering layer or layers.

2. The improvement as set forth in claim 1, wherein the thermoplastic adhesive coating has silica as an additive.

3. The improvement as set forth in claim 1, wherein the thermoplastic adhesive coating has silicate as an additive.

4. The improvement as set forth in any one of claims 1 though 3 and 12, wherein the thermoplastic adhesive coating has calcium carbonate as an additive.

5. The improvement as set forth in claim 1, wherein the percentage by weight of the additives in the thermoplastic adhesive coating amounts to between 0.1% and 60%.

6. In a multi-layer identity card of plastic wherein the card comprises one or more card core layers bonded under the action of pressure and heat and printed on either side or on opposite sides with a covering layer applied to the printed side or sides of the card core, and in which a thermoplastic polymer adhesive is between and in direct contact with each covering layer and the respective printed side of the card core,

the improvement according to which the thermoplastic adhesive

coating possesses at least one additive that increases the friction between the covering layer and the printed card core during lamination so as to prevent displacement of the printed card core in relation to the covering layer or layers.

7. The improvement as set forth in claim 6, wherein the thermoplastic adhesive coating contains silica as an additive.

8. The improvement as set forth in claim 6, wherein the thermoplastic adhesive coating contains silicate as an additive .

9. The improvement as set forth in any one of claims 6 through 8 and 17, wherein the thermoplastic adhesive coating contains calcium carbonate as an additive .

10. The improvement as set forth in claim 6, wherein the thermoplastic adhesive coating has a thickness between 0.1 μm and 20 μm.

11. The improvement as set forth in claim 6, wherein the thermoplastic adhesive coating has a surface roughness.

12. The improvement as set forth in claim 2 wherein the thermoplastic adhesive coating has silicate as an additive .

13. The improvement as set forth in claim 2, wherein the percentage by weight of the additives in the thermoplastic adhesive coating amounts to between 0.1% and 60%.

14. The improvement as set forth in claim 3, wherein the percentage by weight of the additives in the thermoplastic adhesive coating amounts to between 0.1% and 60%.

15. The improvement as set forth in claim 4, wherein the percentage by weight of the additives in the thermoplastic adhesive coating amounts to between 0.1% and 60%.

16. The improvement as set forth in claim 12, wherein the percentage by weight of the additives in the thermoplastic adhesive coating amounts to between 0.1% and 60%.

17. The improvement as set forth in claim 7, wherein the thermoplastic adhesive coating contains silicate as an additive .

18. The improvement as set forth in claim 7, wherein the thermoplastic adhesive coating has a thickness between 0.1 μm and 20 μm.

19. The improvement as set forth in claim 8, wherein the thermoplastic adhesive coating has a thickness between 0.1 μm and 20 μm.

20. The improvement as set forth in claim 9, wherein the thermoplastic adhesive coating has a thickness between 0.1 μm and 20 μm.

21. The improvement as set forth in claim 17, wherein the thermoplastic adhesive coating has a thickness between 0.1 μm and 20 μm.

22. The improvement as set forth in claim 7, wherein the thermoplastic adhesive coating has a surface roughness.

23. The improvement as set forth in claim 8, wherein the thermoplastic adhesive coating has a surface roughness.

24. The improvement as set forth in claim 9, wherein the thermoplastic adhesive coating has a surface roughness.

25. The improvement as set forth in claim 10, wherein the thermoplastic adhesive coating has a surface roughness.

26. The improvement as set forth in claim 17, wherein the thermoplastic adhesive coating has a surface roughness.

27. The improvement as set forth in claim 18, wherein the thermoplastic adhesive coating has a surface roughness.

28. The improvement as set forth in claim 19, wherein the thermoplastic adhesive coating has a surface roughness.

29. The improvement as set forth in claim 20, wherein the thermoplastic adhesive coating has a surface roughness.

30. The improvement as set forth in claim 21, wherein the thermoplastic adhesive coating has a surface roughness.